

Utah Water Supply Outlook Report

March, 2007



**Mt Baldy Snow Course, February 2007, Central Utah, Wasatch Plateau.
Photo by Brooke Nelson, NRCS, USDA .**

Water Supply Outlook Reports and Federal - State - Private Cooperative Snow Surveys

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snowcourses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

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STATE OF UTAH GENERAL OUTLOOK

Mar 1, 2007

SUMMARY

February was, thank goodness -not January. A return to some small sense of normalcy is quite welcome after the bitter cold and dry of that hopefully soon to be forgotten month. In northern Utah, there was near normal snowpack accumulation in the mountains. February accumulations - that amount of snow that fell in February - ranged from 90% of average in the Uintahs to 106% of average on the Weber watershed. Southern Utah was not nearly as fortunate and received only 43% to 71% of average February accumulations. This was not nearly sufficient to bring snowpacks back to near normal conditions. What was needed was 140% to 170% of normal accumulation. This leaves us in the current position of having snowpacks that range from 59% of average in southwest Utah to 78% of average on the Uintahs. Most areas have between 60% and 75% of average snowpacks. Here are the dismal numbers - how much snow accumulation do we need in March to get to average by April 1: Bear River - 234%, Weber - 230%, Utah Lake - 245%, Uintahs - 201%, SE Utah - 303%, Sevier - 250%, SW Utah - 421% and statewide - 243%. While those numbers are discouraging enough, we must consider the probability of getting between 200% and 400% of normal snow accumulation in March: Bear - 0%, Weber - 0%, Utah Lake - 0%, Uintahs - 3%, SE Utah - 0%, Sevier - 8%, SW Utah - 14% and statewide - 0%. While it is not likely that we are going to get back to average, given just average March accumulation would put the watersheds at: Bear - 77%, Weber - 77%, Utah Lake - 75%, Uintahs - 82%, SE Utah - 66%, Sevier - 75%, SW Utah - 75% and statewide - 76% by April 1, a little better than they are now. March needs to go big to take the sting out of this season. Soil moisture started the annual upswing this past month: Bear - 67%, Weber - 63%, Provo - 50%, Uintah Basin - 41%, southeast Utah - 48%, Sevier - 49%, southwest Utah - 45% and statewide - 50% of saturation. These values are a little higher than last year. In general, most areas of the state have excellent reservoir carryover. General water supply conditions range from below to much above average. Streamflow forecasts range from 16% to 86% of average. Surface Water Supply Indices range from 21% on the Bear River, to 79% on the west side of the Uintah Basin.

SNOWPACK

March first snowpacks as measured by the NRCS SNOTEL are as follows: Bear - 72%, Weber - 72%, Provo - 69%, Uintahs - 78%, southeast Utah - 60%, Sevier - 69%, southwest Utah - 59% and the statewide figure is 71% of average. Recent storms have brought snowpacks up 5% to 8% state wide and have put at least some snow back on south facing aspects and lower elevations. Utah needs between 200% and 400% of normal snowpack accumulation in March to reach average conditions. The probability of getting this accumulation ranges between 0 and 14% with most areas at 0%.

PRECIPITATION

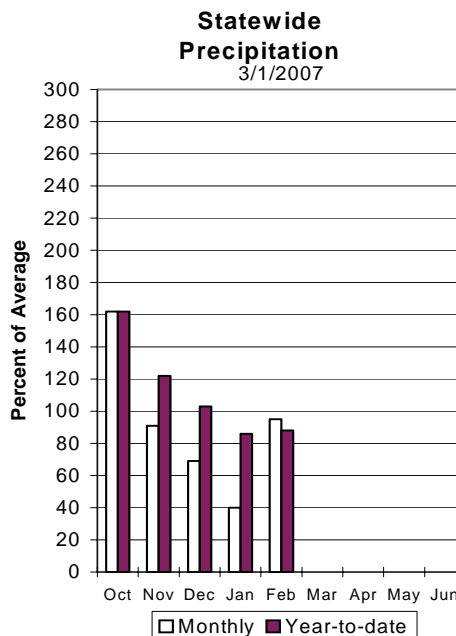
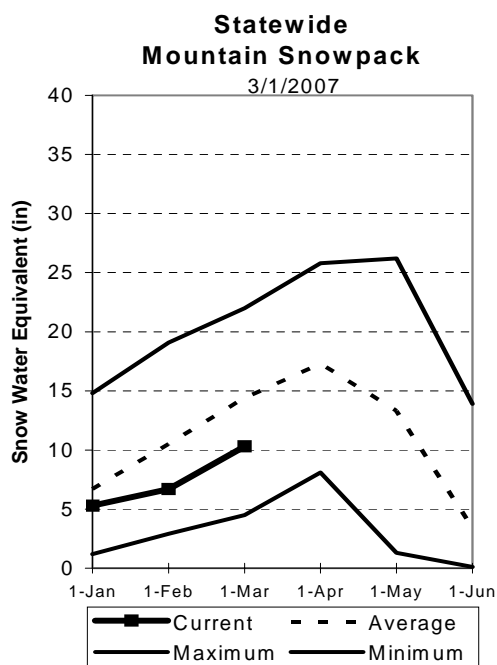
Mountain precipitation during February was near normal in northern Utah (106%-110%) below to much below normal across southern Utah (60%-82%). This brings the seasonal accumulation (Oct-Feb) to 88% of average statewide and ranges from 83% on the Bear to 96% over southeastern Utah.

RESERVOIRS

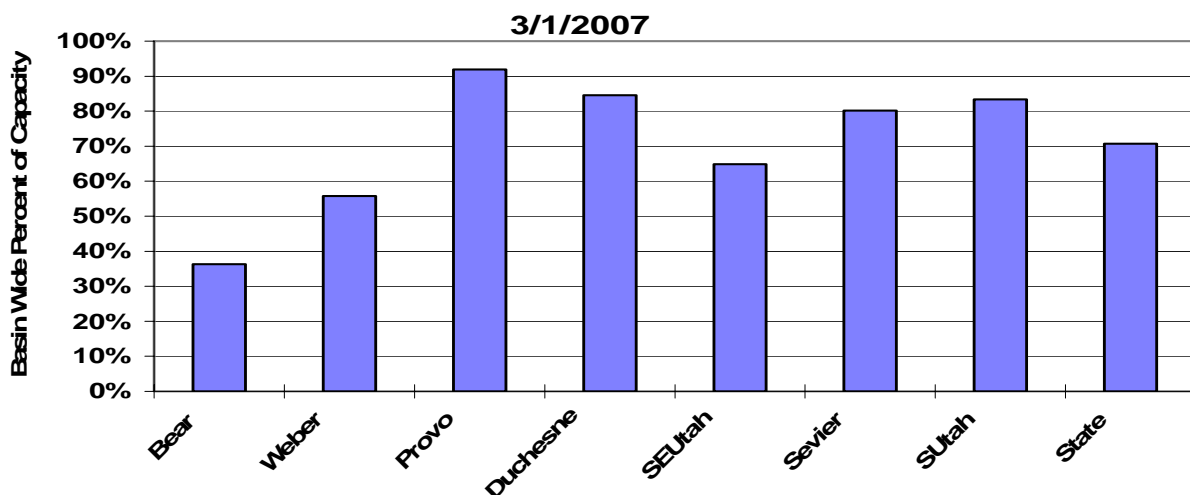
Storage in 41 of Utah's key irrigation reservoirs is at 71% of capacity up 3% from last month. This is also an increase of 3% from last year. Reservoirs across the State have been making steady gains in storage. Bear Lake really is the last reservoir to remain in an extremely low condition due to the prolonged drought.

STREAMFLOW

Snowmelt streamflows are expected to have a wide range from much below average to near average across the state of Utah this year. Forecast streamflows range from 16% on North Creek nr Monticello to 86% of average for the Bear River nr State Line. Most flows are forecast to be in the 50% to 70% range.



Statewide Basin Reservoir Storage



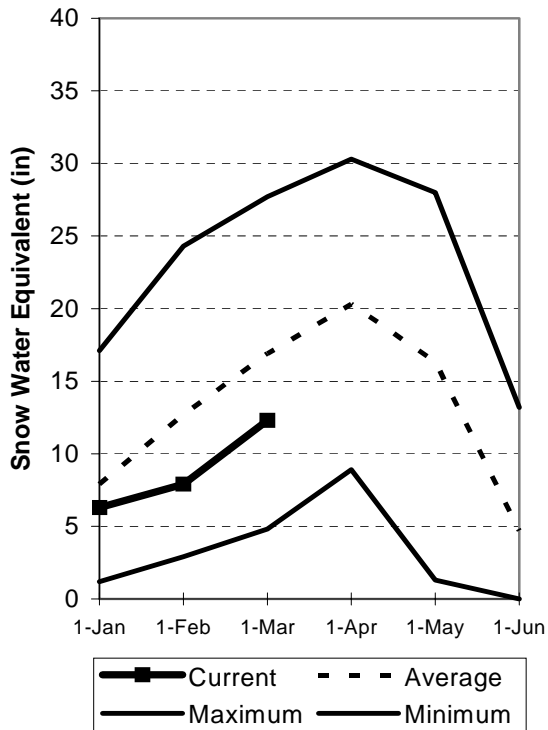
Bear River Basin

March 1, 2007

Snowpacks on the Bear River Basin are below average at 73% of normal, about 59% of last year. Specific sites range from 56% to 113% of normal. February precipitation was average at 100%, which brings the seasonal accumulation (Oct-Feb) to 83% of average. Soil moisture levels in runoff producing areas are at 67% of saturation in the upper 2 feet of soil compared to 58% last year. This is due mainly to above average precipitation in October. Forecast streamflows range from much below average to below average (61%-86%) volumes this spring. Reservoir storage is low at 36% of capacity, 11% more than last year. The Surface Water Supply Index is at 21% for the Bear River, or 79% of years have had more total water available. Water supply conditions are much below normal due to low streamflow and reservoir storage. 234% of normal increase in March SWE is need for an average April 1st SWE.

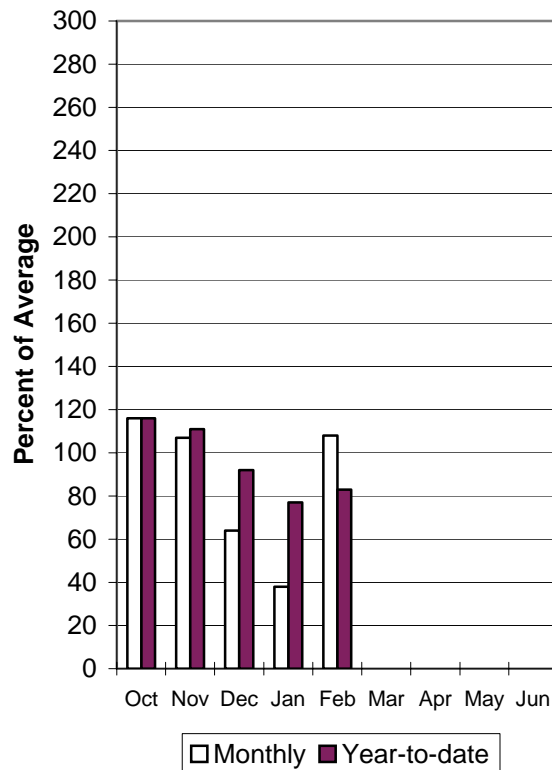
Bear River Snowpack

3/1/2007



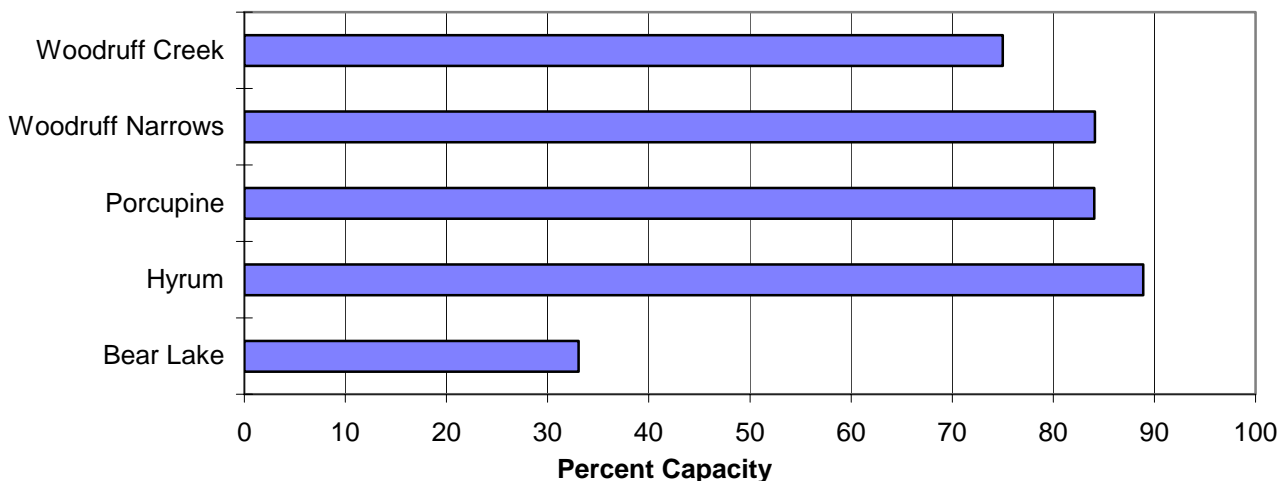
Bear River Precipitation

3/1/2007



Reservoir Storage

3/1/2007



BEAR RIVER BASIN
Streamflow Forecasts - March 1, 2007

| Forecast Point | Forecast Period | <<===== Drier ===== Future Conditions ===== Wetter =====>> | | | | | | 30-Yr Avg. (1000AF) |
|-------------------------------------|-----------------|--|-----------------|-----------------|----------|-----------------|-----------------|------------------------|
| | | Chance Of Exceeding * | | | | | | |
| | | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| Bear River nr UT-WY State Line | APR-JUL | 70 | 86 | 97 | 86 | 109 | 128 | 113 |
| Bear River ab Reservoir nr Woodruff | APR-JUL | 52 | 81 | 105 | 77 | 132 | 176 | 136 |
| Big Creek nr Randolph | APR-JUL | 1.1 | 2.1 | 3.0 | 61 | 4.0 | 5.8 | 4.9 |
| Smiths Fork nr Border | APR-JUL | 47 | 60 | 70 | 68 | 81 | 98 | 103 |
| Bear River at Stewart Dam | APR-JUL | 70 | 116 | 154 | 66 | 197 | 270 | 234 |
| Little Bear River at Paradise | APR-JUL | 14.5 | 23 | 29 | 63 | 36 | 48 | 46 |
| Logan R Abv State Dam Nr Logan | APR-JUL | 50 | 69 | 85 | 68 | 102 | 130 | 126 |
| Blacksmith Fk Abv Up&L Dam Nr Hyrum | APR-JUL | 18.4 | 27 | 33 | 69 | 40 | 52 | 48 |

| BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of February | | | | | BEAR RIVER BASIN Watershed Snowpack Analysis - March 1, 2007 | | | |
|---|-----------------|------------------------|-----------|------|---|----------------------|-------------------|---------|
| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| BEAR LAKE | 1302.0 | 430.6 | 290.3 | --- | BEAR RIVER, UPPER (abv Ha | 6 | 63 | 75 |
| HYRUM | 15.3 | 13.6 | 10.4 | 11.0 | BEAR RIVER, LOWER (blw Ha | 8 | 56 | 72 |
| PORCUPINE | 11.3 | 9.5 | 9.7 | 5.6 | LOGAN RIVER | 4 | 52 | 71 |
| WOODRUFF NARROWS | 57.3 | 48.2 | 35.0 | 27.6 | RAFT RIVER | 1 | 61 | 107 |
| WOODRUFF CREEK | 4.0 | 3.0 | 3.5 | --- | BEAR RIVER BASIN | 14 | 59 | 73 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

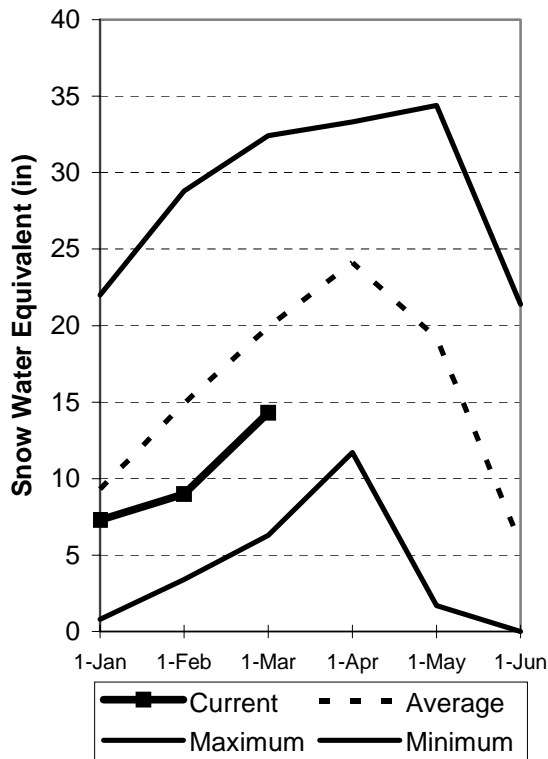
Weber and Ogden River Basins

March 1, 2007

Snowpack on the Weber and Ogden Watersheds is below average at 72%, about 62% of last year. Individual sites range from 32% to 94% of average. February precipitation was average at 106% bringing the seasonal accumulation (Oct-Feb) to 85% of average. Soil moisture levels in runoff producing areas are at 63% of saturation in the upper 2 feet of soil compared to 54% last year. Streamflow forecasts range from 55% to 89% of average. Reservoir storage is at 56% of capacity, 18% lower than last year. The Surface Water Supply Index is at 27% for the Weber River and at 26% for the Ogden River. Overall water supply conditions are below normal with very little probability of reaching April 1st average snow water equivalent.

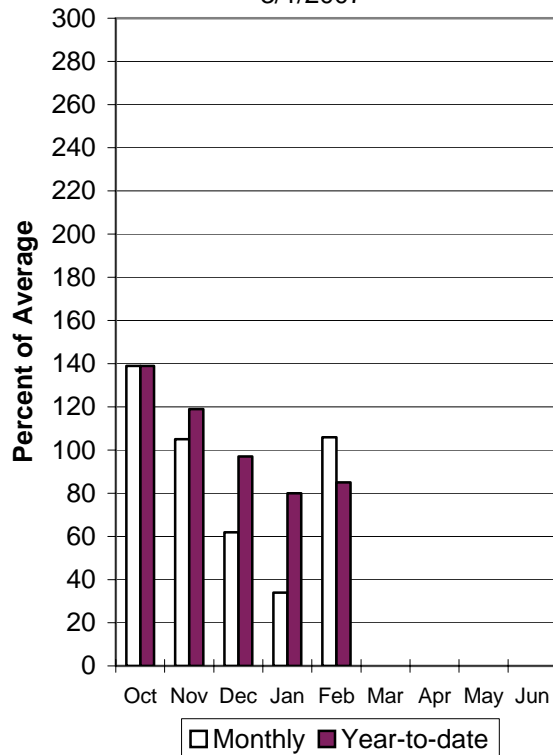
Weber River Snowpack

3/1/2007



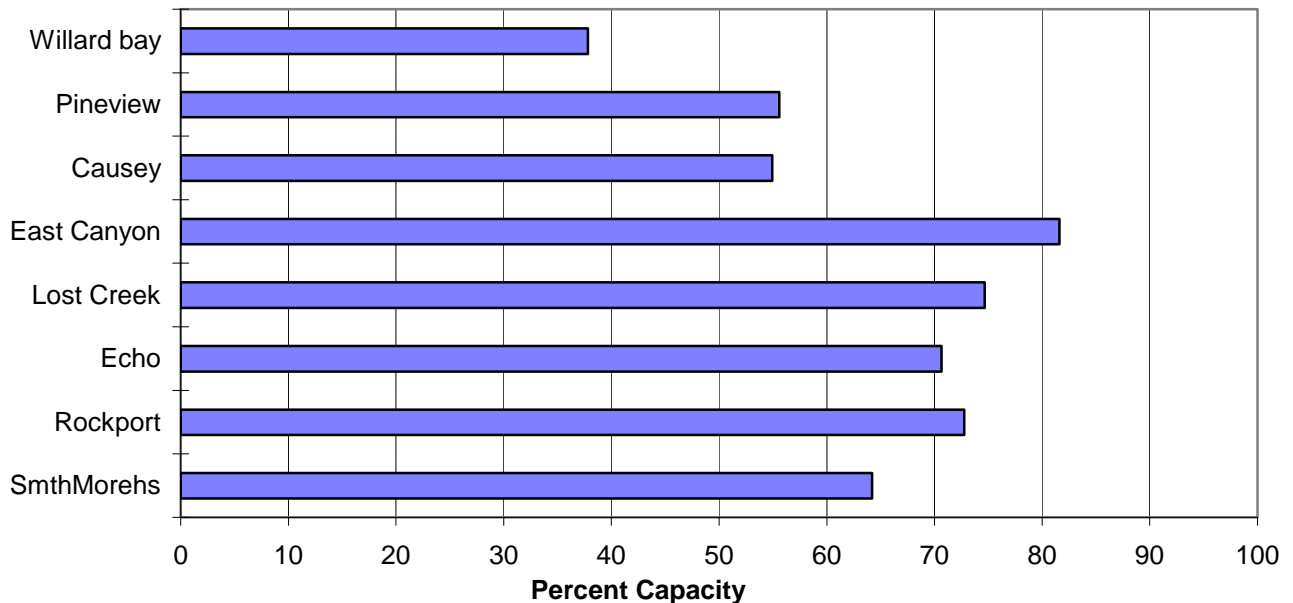
Weber River Precipitation

3/1/2007



Reservoir Storage

3/1/2007



WEBER & OGDEN WATERSHEDS in Utah
Streamflow Forecasts - March 1, 2007

| Forecast Point | Forecast Period | <<===== Drier ===== Future Conditions ===== Wetter =====>> | | | | | | 30-Yr Avg. (1000AF) |
|------------------------------|-----------------|--|-----------------|-----------------------|----------|-----------------|-----------------|------------------------|
| | | ===== | | Chance Of Exceeding * | | ===== | | |
| | | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| Smith & Morehouse Res inflow | APR-JUL | 20 | 25 | 28 | 82 | 31 | 36 | 34 |
| Weber River nr Oakley | APR-JUL | 70 | 88 | 100 | 81 | 112 | 130 | 123 |
| Weber River nr Coalville | APR-JUL | 88 | 97 | 103 | 75 | 109 | 119 | 137 |
| Chalk Creek at Coalville | APR-JUL | 21 | 32 | 40 | 89 | 49 | 65 | 45 |
| Echo Reservoir inflow | APR-JUL | 88 | 119 | 140 | 78 | 161 | 192 | 179 |
| Lost Creek Reservoir inflow | APR-JUL | 5.0 | 7.8 | 10.0 | 57 | 12.5 | 16.7 | 17.6 |
| East Canyon Reservoir inflow | APR-JUL | 12.3 | 17.7 | 22 | 71 | 27 | 35 | 31 |
| Weber River at Gateway | APR-JUL | 215 | 235 | 250 | 70 | 265 | 285 | 355 |
| SF Ogden River nr Huntsville | APR-JUL | 19.6 | 28 | 35 | 55 | 43 | 55 | 64 |
| Pineview Reservoir inflow | APR-JUL | 39 | 59 | 75 | 56 | 93 | 123 | 133 |
| Wheeler Creek nr Huntsville | APR-JUL | 1.8 | 2.9 | 3.8 | 60 | 4.8 | 6.5 | 6.3 |

| WEBER & OGDEN WATERSHEDS in Utah Reservoir Storage (1000 AF) - End of February | | | | | WEBER & OGDEN WATERSHEDS in Utah Watershed Snowpack Analysis - March 1, 2007 | | | |
|---|-----------------|------------------------|-----------|-------|---|----------------------|-------------------|---------|
| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| CAUSEY | 7.1 | 3.9 | 2.6 | 2.6 | OGDEN RIVER | 4 | 56 | 60 |
| EAST CANYON | 49.5 | 40.4 | 36.0 | 35.4 | WEBER RIVER | 9 | 67 | 79 |
| ECHO | 73.9 | 52.2 | 52.4 | 51.0 | WEBER & OGDEN WATERSHEDS | 13 | 63 | 72 |
| LOST CREEK | 22.5 | 16.8 | 15.7 | 13.9 | | | | |
| PINEVIEW | 110.1 | 61.2 | 54.7 | 52.6 | | | | |
| ROCKPORT | 60.9 | 44.3 | 41.3 | 33.2 | | | | |
| WILLARD BAY | 215.0 | 81.3 | 194.2 | 154.9 | | | | |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

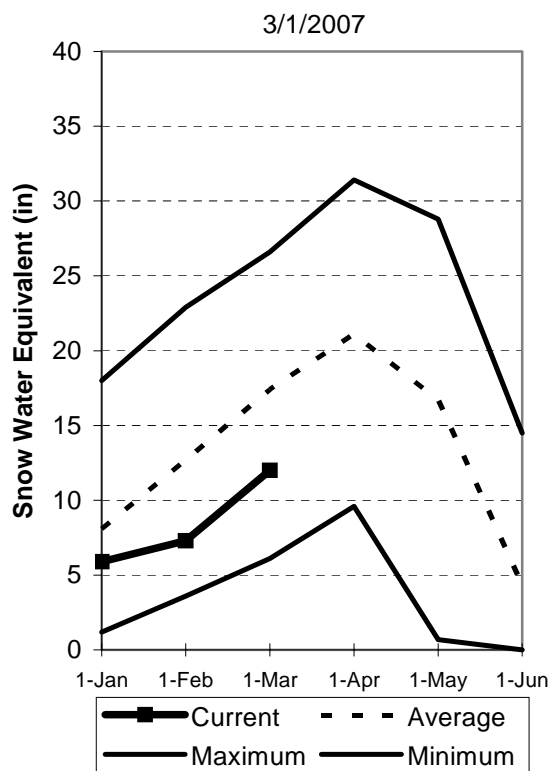
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

Utah Lake, Jordan River & Tooele Valley Basins

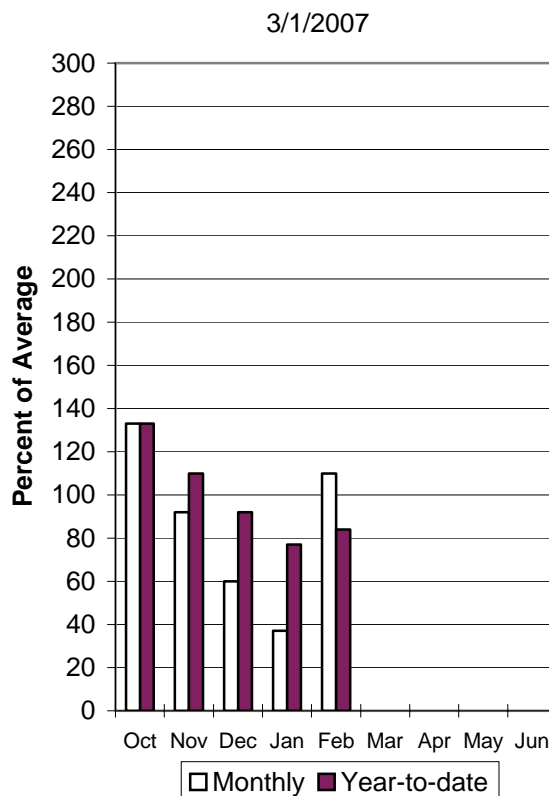
March 1, 2007

Snowpack over these regions are much below average at 69%, which is 61% of last year and up 12% from last month. Individual sites range from 54% to 87% of average. February precipitation was above average at 110%, bringing the seasonal accumulation (Oct-Feb) to 84% of average. Soil moisture levels in runoff producing areas are at 50% of saturation in the upper 2 feet of soil compared to 47% last year. Reservoir storage is at 92% of capacity, 6% higher than last year. Streamflow forecasts range from 52% to 74% of average. The Surface Water Supply Index is at 56%, indicating general water supply conditions are near normal due to good reservoir carryover.

Provo River Snowpack

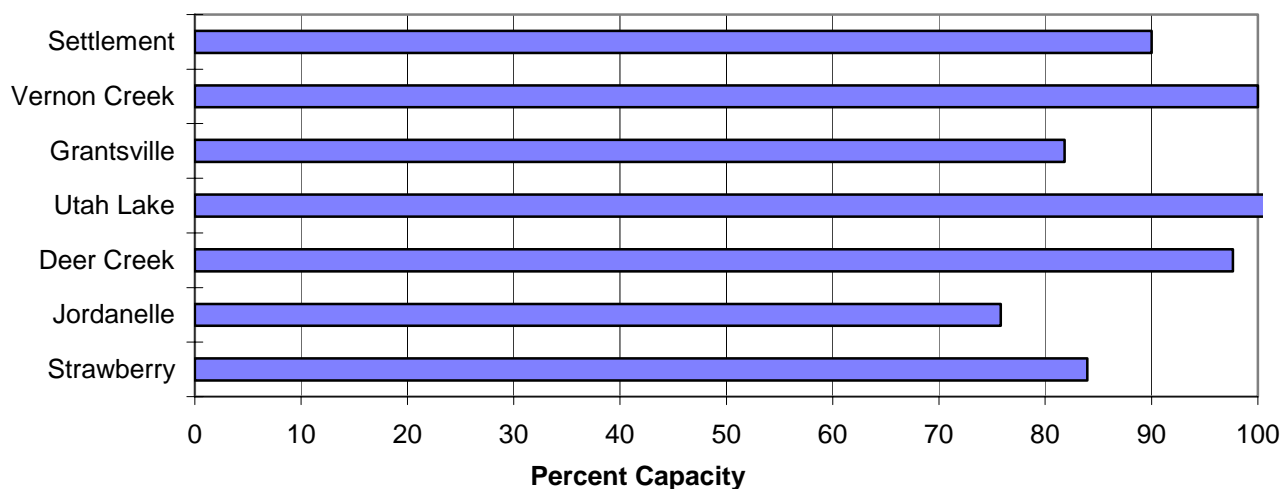


Provo River Precipitation



Reservoir Storage

3/1/2007



UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Streamflow Forecasts - March 1, 2007

| | | <<===== Drier ===== | | Future Conditions ===== | | >> Wetter =====> | | |
|-------------------------------------|-----------------|---------------------|-----------------|-------------------------|----------|------------------|-----------------|------------------------|
| Forecast Point | Forecast Period | ===== | | Chance Of Exceeding * | | ===== | | 30-Yr Avg. (1000AF) |
| | | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| ===== | | | | | | | | |
| Spanish Fork River nr Castilla | APR-JUL | 14.7 | 31 | 45 | 58 | 62 | 92 | 77 |
| Provo River nr Woodland | APR-JUL | 46 | 60 | 70 | 68 | 81 | 100 | 103 |
| Provo River nr Hailstone | APR-JUL | 46 | 61 | 72 | 66 | 84 | 104 | 109 |
| Deer Creek Resv Inflow | APR-JUL | 53 | 66 | 75 | 60 | 85 | 101 | 126 |
| American Fk Abv Upper Powerplant | APR-JUL | 11.8 | 16.4 | 20 | 63 | 24 | 30 | 32 |
| Utah Lake inflow | APR-JUL | 103 | 140 | 169 | 52 | 200 | 250 | 325 |
| West Canyon Ck Nr Cedar Fort | APR-JUL | 0.6 | 1.1 | 1.5 | 63 | 2.0 | 2.8 | 2.4 |
| Little Cottonwood Ck nr SLC | APR-JUL | 19.3 | 24 | 28 | 70 | 32 | 38 | 40 |
| Big Cottonwood Ck nr SLC | APR-JUL | 17.9 | 23 | 26 | 68 | 30 | 36 | 38 |
| Mill Creek nr SLC | APR-JUL | 2.8 | 4.0 | 4.9 | 70 | 5.9 | 7.6 | 7.0 |
| Parley's Creek nr SLC | APR-JUL | 4.9 | 8.2 | 10.9 | 65 | 14.0 | 19.3 | 16.7 |
| Dell Fork nr SLC | APR-JUL | 1.4 | 2.7 | 3.8 | 56 | 5.1 | 7.4 | 6.8 |
| Emigration Creek nr SLC | APR-JUL | 0.7 | 1.6 | 2.4 | 53 | 3.4 | 5.1 | 4.5 |
| City Creek nr SLC | APR-JUL | 3.3 | 4.9 | 6.1 | 70 | 7.5 | 9.7 | 8.7 |
| Vernon Creek nr Vernon | APR-JUL | 0.3 | 0.6 | 0.9 | 62 | 1.2 | 1.8 | 1.5 |
| Settlement Creek Abv Resv Nr Tooele | APR-JUL | 0.5 | 0.9 | 1.3 | 62 | 1.7 | 2.4 | 2.1 |
| South Willow Creek nr Grantsville | APR-JUL | 1.4 | 1.9 | 2.4 | 74 | 2.9 | 3.7 | 3.2 |

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Reservoir Storage (1000 AF) - End of February

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Watershed Snowpack Analysis - March 1, 2007

| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
|---------------------|--------------------|------------------------|--------------|-------|---------------------------|----------------------------|-------------------|---------|
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| DEER CREEK | 149.7 | 146.2 | 123.7 | 107.4 | PROVO RIVER & UTAH LAKE | 7 | 59 | 62 |
| GRANTSVILLE | 3.3 | 2.7 | 2.5 | 2.2 | PROVO RIVER | 4 | 58 | 64 |
| SETTLEMENT CREEK | 1.0 | 0.9 | 0.9 | 0.6 | JORDAN RIVER & GREAT SALT | 6 | 60 | 75 |
| STRAWBERRY-ENLARGED | 1105.9 | 928.5 | 838.1 | 637.8 | TOOELE VALLEY WATERSHEDS | 3 | 81 | 71 |
| UTAH LAKE | 870.9 | 931.5 | 869.6 | 825.1 | UTAH LAKE, JORDAN RIVER & | 16 | 62 | 69 |
| VERNON CREEK | 0.6 | 0.6 | 0.5 | --- | | | | |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

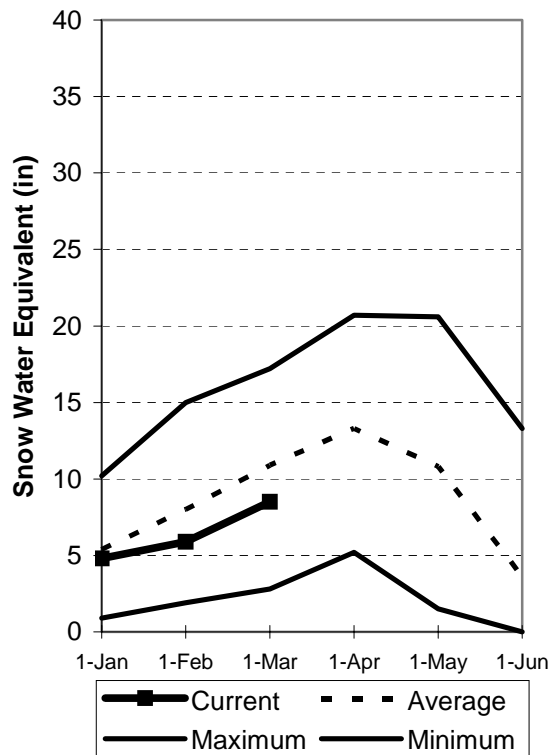
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

Uintah Basin and Dagget SCD's **March 1, 2007**

Snowpack across the Uintah Basin and North Slope areas is below average at 78%, which is 77% of last year. The North Slope ranges from 69% to 110% and the South Slope ranges from 64% to 90% of average. Precipitation during February was below average at 87% bringing the seasonal accumulation (Oct-Feb) to 90% of average. Soil moisture values in runoff producing areas are at 41% of saturation in the upper 2 feet of soil compared to 32% last year. Reservoir storage is at 85% of capacity, 7% more than last year. Streamflow forecasts range from 52% to 84% of average. The Surface Water Supply Index for the western area is 79% and for the eastern area it is 45% indicating above normal conditions on the west side and near normal for the eastern area. General water supply conditions range from above to near average from west to east thanks to excellent reservoir carryover.

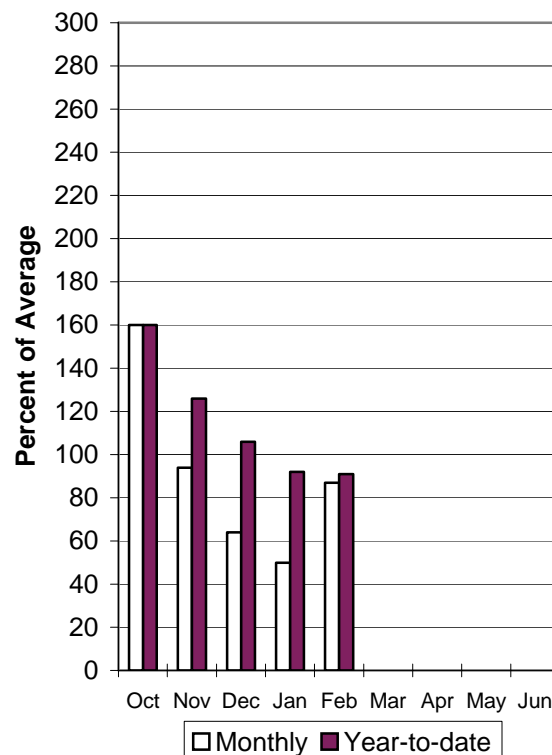
Uinta Snowpack

3/1/2007

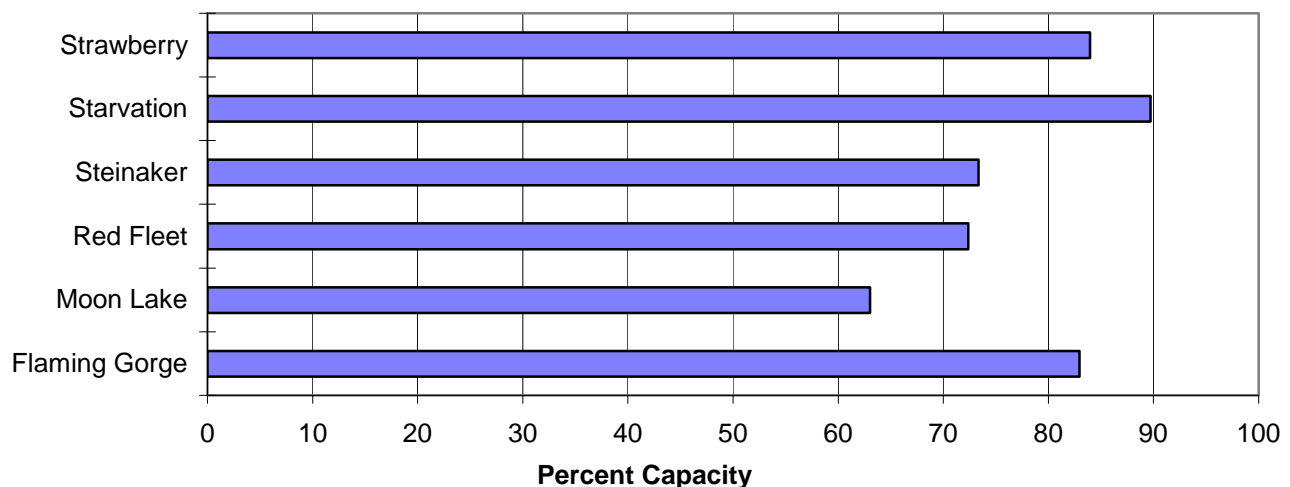


Uinta Precipitation

3/1/2007



Reservoir Storage
3/1/2007



UINTAH BASIN & DAGGET SCD'S
Streamflow Forecasts - March 1, 2007

| Forecast Point | Forecast Period | <<===== Drier ===== Future Conditions ===== Wetter =====>> | | | | | | 30-Yr Avg. (1000AF) |
|-------------------------------------|-----------------|--|-----------------|-----------------------|----------|-----------------|-----------------|------------------------|
| | | ===== | | Chance Of Exceeding * | | ===== | | |
| | | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| ===== | | | | | | | | |
| Blacks Fork nr Robertson | APR-JUL | 51 | 65 | 76 | 80 | 88 | 106 | 95 |
| EF of Smiths Fork nr Robertson | APR-JUL | 13.4 | 18.3 | 22 | 76 | 26 | 33 | 29 |
| Flaming Gorge Reservoir Inflow (2) | APR-JUL | 382 | 565 | 710 | 60 | 872 | 1140 | 1190 |
| Big Brush Ck abv Red Fleet Resv | APR-JUL | 10.1 | 14.3 | 17.6 | 84 | 21 | 27 | 21 |
| Ashley Creek nr Vernal | APR-JUL | 26 | 35 | 42 | 81 | 50 | 62 | 52 |
| WF Duchesne River nr Hanna (2) | APR-JUL | 8.8 | 12.3 | 15.0 | 63 | 18.0 | 23 | 24 |
| Duchesne R nr Tabiona (2) | APR-JUL | 40 | 54 | 66 | 63 | 79 | 99 | 105 |
| Upper Stillwater Resv Inflow | APR-JUL | 44 | 53 | 60 | 73 | 67 | 78 | 82 |
| Rock Ck nr Mountain Home (2) | APR-JUL | 49 | 60 | 68 | 76 | 76 | 90 | 89 |
| Duchesne R abv Knight Diversion (2) | APR-JUL | 87 | 112 | 130 | 69 | 150 | 181 | 188 |
| Strawberry R nr Soldier Springs (2) | APR-JUL | 13.7 | 24 | 33 | 56 | 43 | 61 | 59 |
| Currant Creek Reservoir Inflow (2) | APR-JUL | 4.8 | 10.2 | 15.0 | 60 | 21 | 31 | 25 |
| Strawberry R nr Duchesne (2) | APR-JUL | 28 | 47 | 63 | 52 | 81 | 113 | 121 |
| Lake Fork River Moon Lake Inflow | APR-JUL | 36 | 44 | 50 | 74 | 57 | 67 | 68 |
| Yellowstone River nr Altonah | APR-JUL | 29 | 38 | 45 | 73 | 53 | 65 | 62 |
| Duchesne R at Myton (2) | APR-JUL | 56 | 106 | 150 | 58 | 201 | 290 | 260 |
| Whiterocks near Whiterocks | APR-JUL | 26 | 36 | 44 | 79 | 53 | 67 | 56 |
| Duchesne R nr Randlett (2) | APR-JUL | 65 | 126 | 180 | 56 | 243 | 353 | 324 |

| UINTAH BASIN & DAGGET SCD'S Reservoir Storage (1000 AF) - End of February | | | | | UINTAH BASIN & DAGGET SCD'S Watershed Snowpack Analysis - March 1, 2007 | | | |
|--|-----------------|------------------------|-----------|--------|--|----------------------|-------------------|---------|
| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| FLAMING GORGE | 3749.0 | 3110.0 | 3034.0 | 2919.0 | UPPER GREEN RIVER in UTAH | 6 | 103 | 86 |
| MOON LAKE | 49.5 | 31.2 | 30.7 | 29.8 | ASHLEY CREEK | 2 | 137 | 77 |
| RED FLEET | 25.7 | 18.6 | 22.3 | 18.4 | BLACK'S FORK RIVER | 2 | 76 | 82 |
| STEINAKER | 33.4 | 24.5 | 31.2 | 22.8 | SHEEP CREEK | 1 | 183 | 110 |
| STARVATION | 165.3 | 148.3 | 137.8 | 135.9 | DUCHESNE RIVER | 11 | 70 | 74 |
| STRAWBERRY-ENLARGED | 1105.9 | 928.5 | 838.1 | 637.8 | LAKE FORK-YELLOWSTONE CRE | 4 | 67 | 73 |
| | | | | | STRAWBERRY RIVER | 4 | 63 | 70 |
| | | | | | UINTAH-WHITEROCKS RIVERS | 2 | 102 | 88 |
| | | | | | UINTAH BASIN & DAGGET SCD | 17 | 77 | 78 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

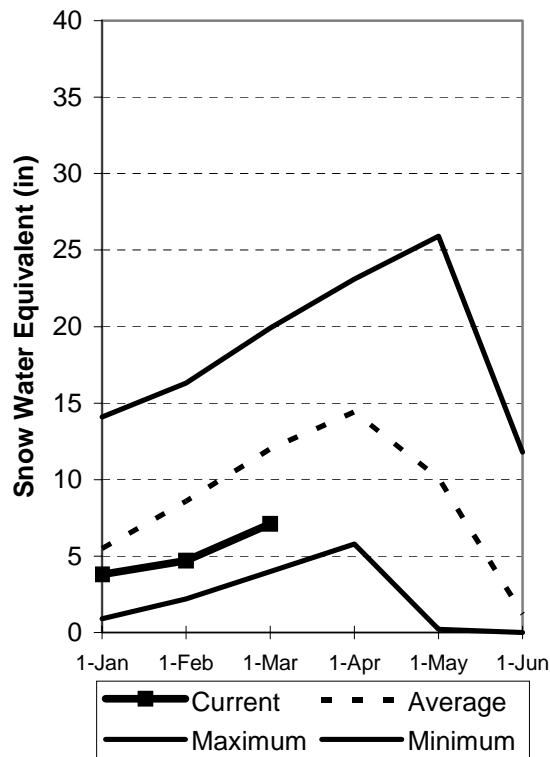
Carbon, Emery, Wayne, Grand and San Juan Co.

March 1, 2007

Snowpacks in this region are much below normal at 60% of average, about 72% of last year. Individual sites range from 28% to 100% of average, with the Abajo Mountains the driest in the region. It would require an unprecedented 303% of average March snowpack increase to reach an average April 1st value. Precipitation during February was below average at 82%, bringing the seasonal accumulation (Oct-Feb) to 96% of normal. Soil moisture estimates in runoff producing areas are at 48% of saturation in the upper 2 feet of soil compared to 35% last year and up 1% from last month. Forecast streamflows range from 7% to 86% of average. Reservoir storage is at 65% of capacity, same as last year at this time. Surface Water Supply Indices for the area are: Price 36%, San Rafael area 39% and Moab 39%. General runoff and water supply conditions are below normal.

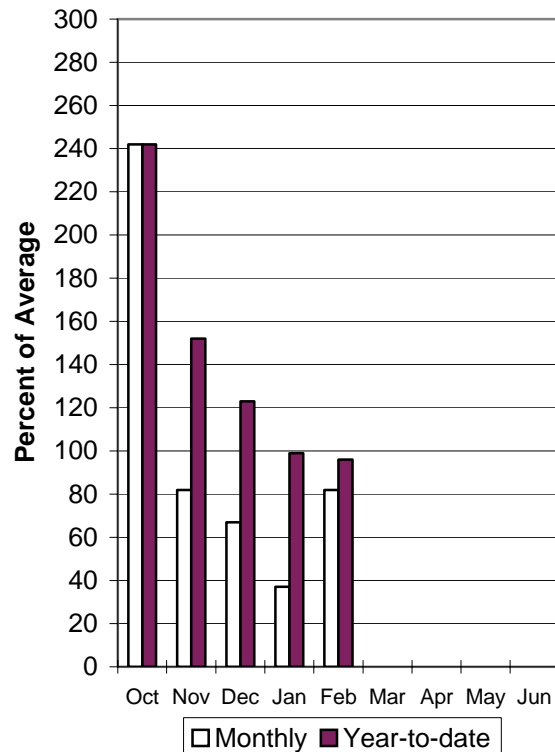
Southeast Utah Snowpack

3/1/2007



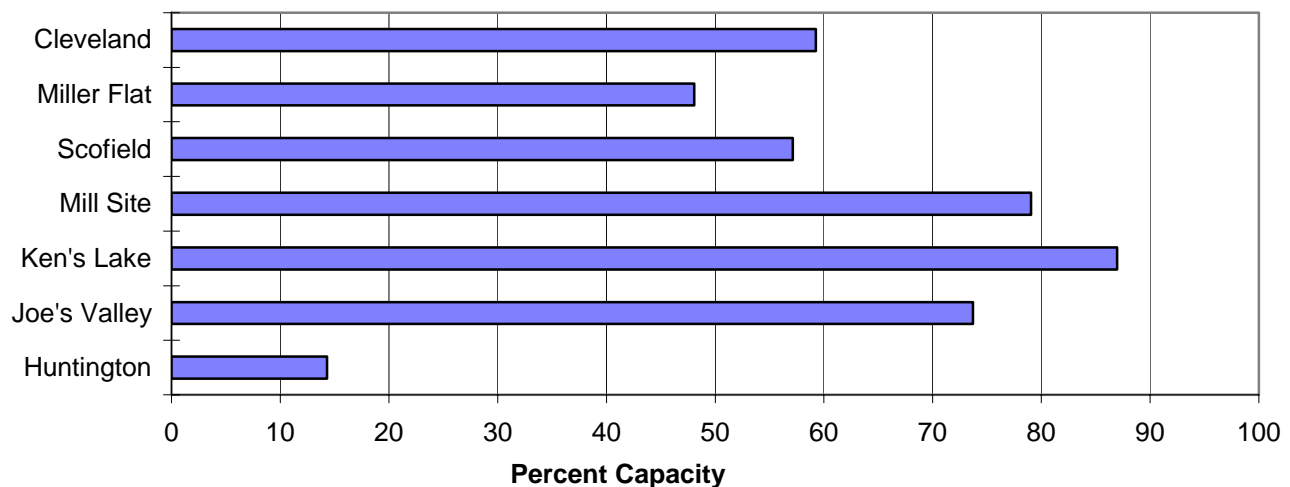
Southeast Utah Precipitation

3/1/2007



Reservoir Storage

3/1/2007



CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Streamflow Forecasts - March 1, 2007

| | | <<===== Drier ===== Future Conditions ===== Wetter =====>> | | | | | | |
|--------------------------------------|-----------------|--|-----------------|-----------------|----------|-----------------|-----------------|------------------------|
| Forecast Point | Forecast Period | Chance Of Exceeding * | | | | | | 30-Yr Avg. (1000AF) |
| | | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| ===== | | | | | | | | |
| Gooseberry Creek nr Scofield | APR-JUL | 4.6 | 6.3 | 7.6 | 64 | 9.0 | 11.4 | 11.9 |
| Price River near Scofield Reservoir | APR-JUL | 3.5 | 16.3 | 25 | 56 | 34 | 46 | 45 |
| White River blw Tabbyune Creek | APR-JUL | 2.9 | 5.3 | 7.3 | 42 | 9.7 | 13.8 | 17.3 |
| Green River at Green River, UT (2) | APR-JUL | 760 | 1500 | 2000 | 63 | 2500 | 3240 | 3170 |
| Huntington Ck Inflow to Electric Lk | APR-JUL | 3.6 | 5.8 | 7.5 | 48 | 9.5 | 12.7 | 15.7 |
| Huntington Ck nr Huntington | APR-JUL | 5.7 | 17.2 | 25 | 51 | 33 | 44 | 49 |
| Joe's Valley Resv Inflow | APR-JUL | 18.5 | 28 | 35 | 60 | 43 | 57 | 58 |
| Ferron Ck (Upper Station) nr Ferron | APR-JUL | 15.7 | 21 | 25 | 64 | 29 | 37 | 39 |
| Colorado River Near Cisco (2) | APR-JUL | 1770 | 3100 | 4000 | 86 | 4900 | 6230 | 4650 |
| Mill Creek at Sheley Tunnel nr Moab | APR-JUL | 1.8 | 2.5 | 3.1 | 62 | 3.7 | 4.8 | 5.0 |
| Seven Mile Ck nr Fish Lake | APR-JUL | 2.9 | 4.1 | 5.1 | 73 | 6.2 | 7.9 | 7.0 |
| Muddy Creek nr Emery | APR-JUL | 7.6 | 10.7 | 13.0 | 65 | 15.6 | 19.8 | 19.9 |
| North Ck ab R.S. nr Monticello | MAR-JUL | 0.0 | 0.0 | 0.1 | 7 | 0.1 | 0.2 | 0.8 |
| South Ck ab Lloyd's Res nr Monticell | MAR-JUL | 0.1 | 0.2 | 0.3 | 20 | 0.5 | 0.8 | 1.4 |
| Recapture Ck Bl Johnson Ck nr Blandi | MAR-JUL | 0.1 | 0.4 | 0.8 | 16 | 1.4 | 2.6 | 5.0 |
| San Juan River near Bluff (2) | APR-JUL | 385 | 715 | 940 | 76 | 1170 | 1500 | 1230 |

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Reservoir Storage (1000 AF) - End of February

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Watershed Snowpack Analysis - March 1, 2007

| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
|------------------|-----------------|------------------------|-----------|------|---------------------------|----------------------|-------------------|---------|
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| HUNTINGTON NORTH | 4.2 | 0.6 | 3.8 | 3.4 | PRICE RIVER | 3 | 57 | 55 |
| JOE'S VALLEY | 61.6 | 45.4 | 45.7 | 41.5 | SAN RAFAEL RIVER | 3 | 60 | 62 |
| KEN'S LAKE | 2.3 | 2.5 | 2.2 | 1.3 | MUDDY CREEK | 1 | 47 | 54 |
| MILL SITE | 16.7 | 13.2 | 8.8 | 84.9 | FREMONT RIVER | 3 | 110 | 68 |
| SCOFIELD | 65.8 | 37.6 | 37.2 | 34.8 | LASAL MOUNTAINS | 1 | 110 | 75 |
| | | | | | BLUE MOUNTAINS | 1 | 176 | 40 |
| | | | | | WILLOW CREEK | 1 | 267 | 68 |
| | | | | | CARBON, EMERY, WAYNE, GRA | 13 | 72 | 60 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

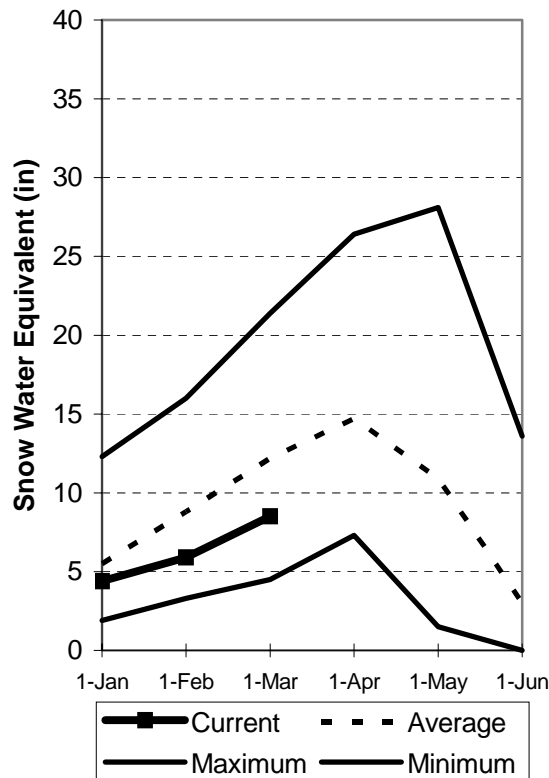
Sevier and Beaver River Basins

Mar 1, 2007

Snowpacks on the Sevier River Basin are much below normal at 69% of average, about 94% of last year and up 2% relative to last month. Individual sites range from 4% to 93% of average. The Sevier River has an 8% chance at getting back to average snowpack this season. Precipitation during February was below average at 79% of normal, bringing the seasonal accumulation (Oct-Feb) to 92% of average. Soil moisture estimates in runoff producing areas are at 49% of saturation (Sevier) in the upper 2 feet of soil compared to 46% last year. Streamflow forecasts range from 38% to 71% of average. Reservoir storage is at 80% of capacity, 13% less than last year. Surface Water Supply Indices are: Upper Sevier 52%, Lower Sevier 49% and Beaver 40%. Water supply conditions are near average due to reservoir storage but with poor streamflow expected.

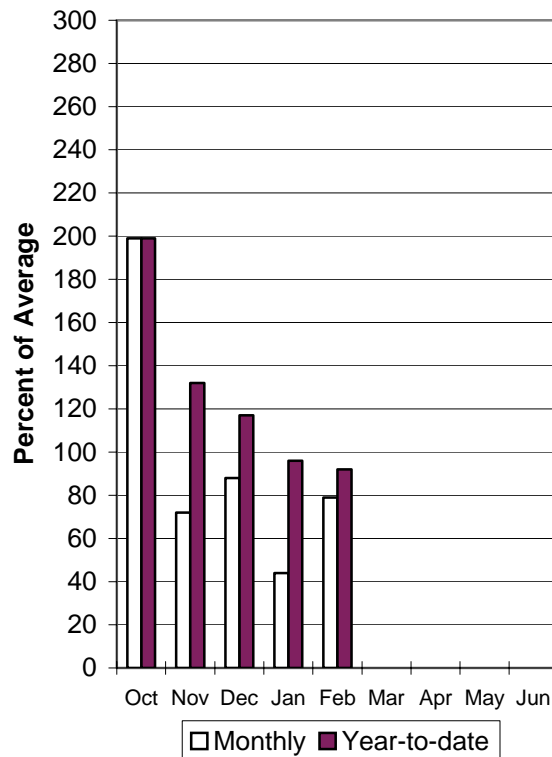
Sevier River Snowpack

3/1/2007



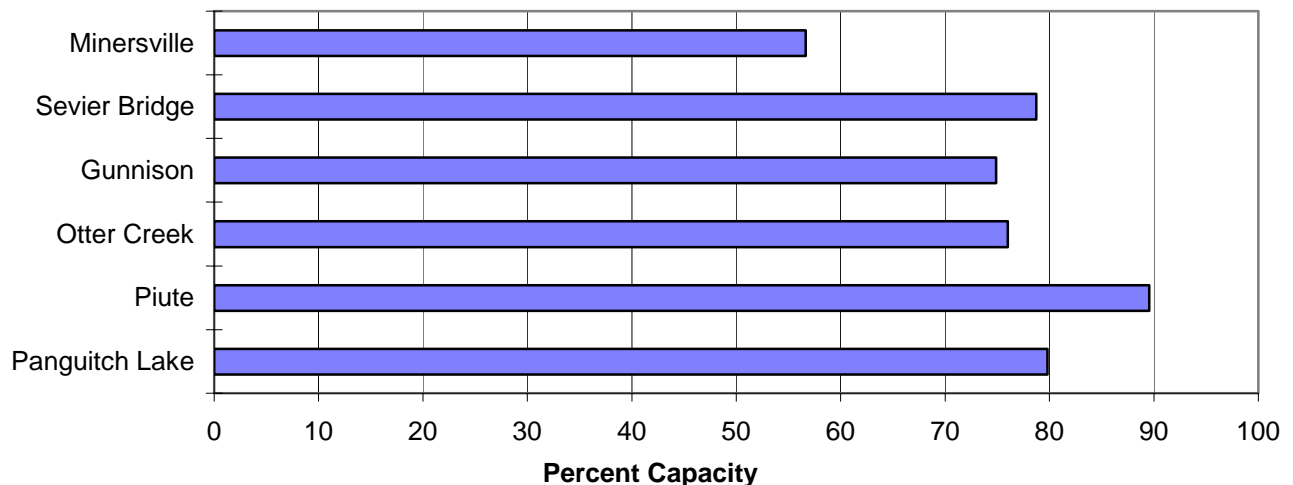
Sevier River Precipitation

3/1/2007



Reservoir Storage

3/1/2007



SEVIER & BEAVER RIVER BASINS
Streamflow Forecasts - March 1, 2007

| Forecast Point | Forecast Period | <<===== Drier ===== Future Conditions ===== Wetter =====> | | | | | | 30-Yr Avg. (1000AF) |
|--------------------------------------|-----------------|---|-----------------|-----------------|----------|-----------------|-----------------|------------------------|
| | | Chance Of Exceeding * | | | | | | |
| | | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| Sevier River at Hatch | APR-JUL | 17.3 | 26 | 33 | 60 | 41 | 54 | 55 |
| Sevier River nr Kingston | APR-JUL | 33 | 47 | 57 | 64 | 68 | 87 | 89 |
| EF Sevier R nr Kingston | APR-JUL | 7.9 | 16.4 | 24 | 63 | 33 | 49 | 38 |
| Sevier R blw Piute Dam | APR-JUL | 28 | 57 | 82 | 65 | 112 | 165 | 126 |
| Clear Creek Abv Diversions Nr Sevier | APR-JUL | 7.0 | 11.2 | 14.6 | 66 | 18.4 | 25 | 22 |
| Salina Creek at Salina | APR-JUL | 2.0 | 6.5 | 11.0 | 56 | 16.6 | 27 | 19.7 |
| Manti Ck Blw Dugway Ck Nr Manti | APR-JUL | 7.8 | 10.7 | 13.0 | 71 | 15.5 | 19.6 | 18.3 |
| Sevier R nr Gunnison | APR-JUL | 107 | 147 | 178 | 64 | 210 | 265 | 280 |
| Chicken Creek nr Levan | APR-JUL | 0.6 | 1.6 | 2.6 | 58 | 3.8 | 6.0 | 4.5 |
| Oak Creek nr Oak City | APR-JUL | 0.3 | 0.6 | 0.9 | 54 | 1.2 | 1.8 | 1.7 |
| Beaver River nr Beaver | APR-JUL | 8.8 | 13.3 | 17.0 | 63 | 21 | 28 | 27 |
| Minersville Reservoir inflow | APR-JUL | 1.2 | 3.8 | 6.3 | 38 | 9.5 | 15.3 | 16.6 |

| SEVIER & BEAVER RIVER BASINS Reservoir Storage (1000 AF) - End of February | | | | | SEVIER & BEAVER RIVER BASINS Watershed Snowpack Analysis - March 1, 2007 | | | |
|---|-----------------|------------------------|-----------|-------|---|----------------------|-------------------|---------|
| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| GUNNISON | 20.3 | 14.0 | 18.0 | 14.6 | UPPER SEVIER RIVER (south | 8 | 111 | 65 |
| MINERSVILLE (RkyFd) | 23.3 | 13.2 | 21.1 | 16.2 | EAST FORK SEVIER RIVER | 3 | 109 | 69 |
| OTTER CREEK | 52.5 | 39.9 | 49.0 | 40.0 | SOUTH FORK SEVIER RIVER | 5 | 113 | 63 |
| PIUTE | 71.8 | 64.3 | 65.9 | 53.3 | LOWER SEVIER RIVER (inclu | 6 | 85 | 75 |
| SEVIER BRIDGE | 236.0 | 185.5 | 222.3 | 175.6 | BEAVER RIVER | 2 | 87 | 66 |
| PANGUITCH LAKE | 22.3 | 17.8 | 18.5 | 146.8 | SEVIER & BEAVER RIVER BAS | 16 | 95 | 69 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

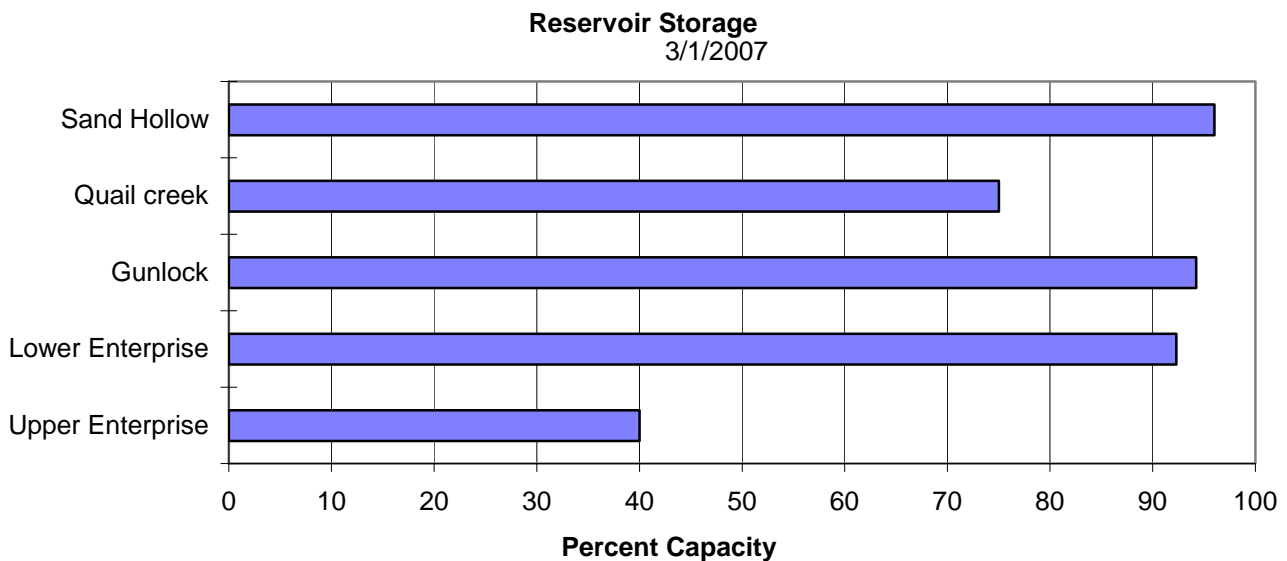
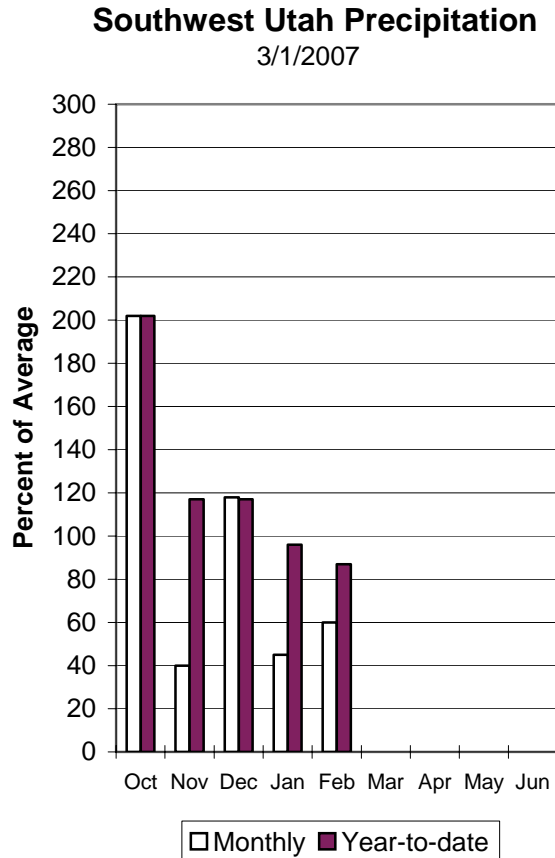
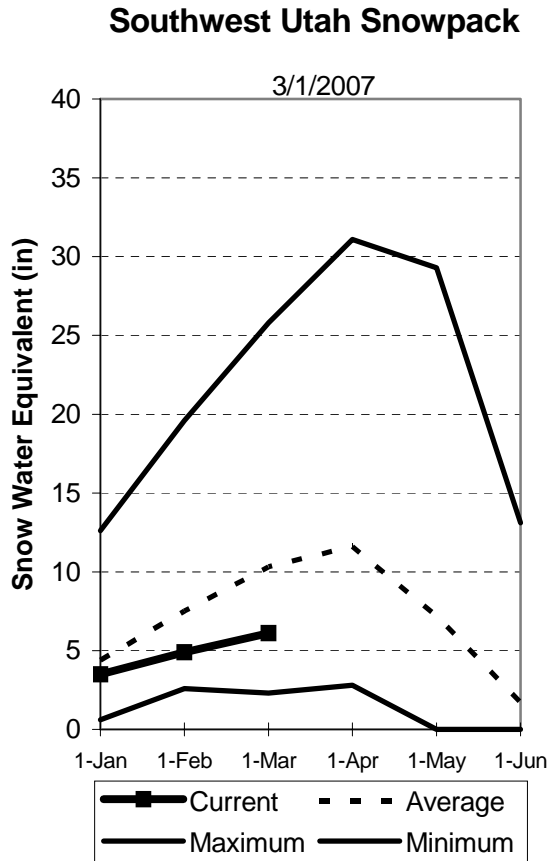
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

E. Garfield, Kane, Washington, & Iron Co.

March 1, 2007

Snowpacks in this region are much below normal at 59% of average, about 141% of last year and down 6% relative to last month. These watersheds have a 14% chance of reaching average snowpack this season. Individual sites range from 12% to 100% of average. Precipitation in the month of February was much below average at 60%, bringing the seasonal accumulation (Oct-Feb) to 87% of average. Soil moisture estimates in runoff producing areas are at 45% of saturation in the upper 2 feet of soil compared to 31% last year. Forecast streamflows range from 46% to 55% of average. Reservoir storage is at 83% of capacity, 8% less than last year. The Surface Water Supply Index is at 33%, indicating below average water supply conditions.



E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Streamflow Forecasts - March 1, 2007

| Forecast Point | Forecast Period | <<===== Drier ===== Future Conditions ===== Wetter =====>> | | | | | | 30-Yr Avg. (1000AF) |
|----------------------------------|-----------------|--|-----------------|-----------------|----------|-----------------|-----------------|------------------------|
| | | Chance Of Exceeding * | | | | | | |
| | | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| Lake Powell Inflow (2) | APR-JUL | 2650 | 4410 | 5600 | 71 | 6790 | 8550 | 7930 |
| Virgin River at Virgin | APR-JUL | 17.3 | 24 | 33 | 52 | 43 | 60 | 64 |
| Virgin River near Hurricane | APR-JUL | 17.3 | 22 | 32 | 46 | 44 | 65 | 69 |
| Santa Clara River nr Pine Valley | APR-JUL | 1.0 | 2.1 | 3.0 | 55 | 4.1 | 6.0 | 5.5 |
| Coal Creek nr Cedar City | APR-JUL | 6.3 | 9.8 | 12.7 | 66 | 15.9 | 21 | 19.3 |

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Reservoir Storage (1000 AF) - End of February

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Watershed Snowpack Analysis - March 1, 2007

| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
|------------------|-----------------|------------------------|-----------|------|---------------------------|----------------------|-------------------|---------|
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| GUNLOCK | 10.4 | 9.8 | 10.4 | 4.9 | VIRGIN RIVER | 5 | 133 | 58 |
| LAKE POWELL | 24322.0 | 11560.0 | 10871.0 | --- | PAROWAN | 2 | 106 | 74 |
| QUAIL CREEK | 40.0 | 30.0 | 37.3 | 29.7 | ENTERPRISE TO NEW HARMONY | 2 | 1280 | 48 |
| UPPER ENTERPRISE | 10.0 | 4.0 | 9.0 | --- | COAL CREEK | 2 | 109 | 71 |
| LOWER ENTERPRISE | 2.6 | 2.4 | 0.0 | 90.0 | ESCALANTE RIVER | 2 | 138 | 73 |
| | | | | | E. GARFIELD, KANE, WASHIN | 9 | 138 | 59 |

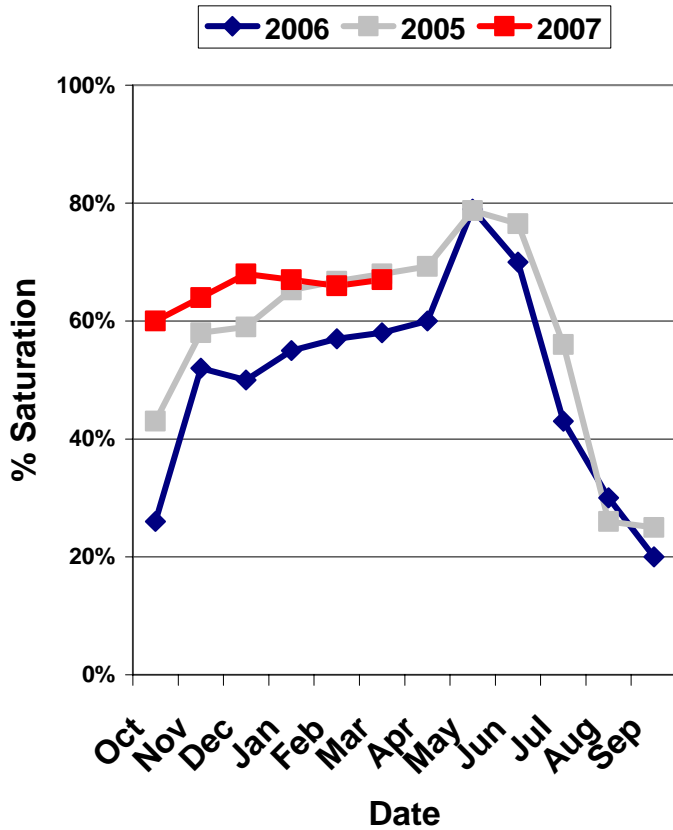
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

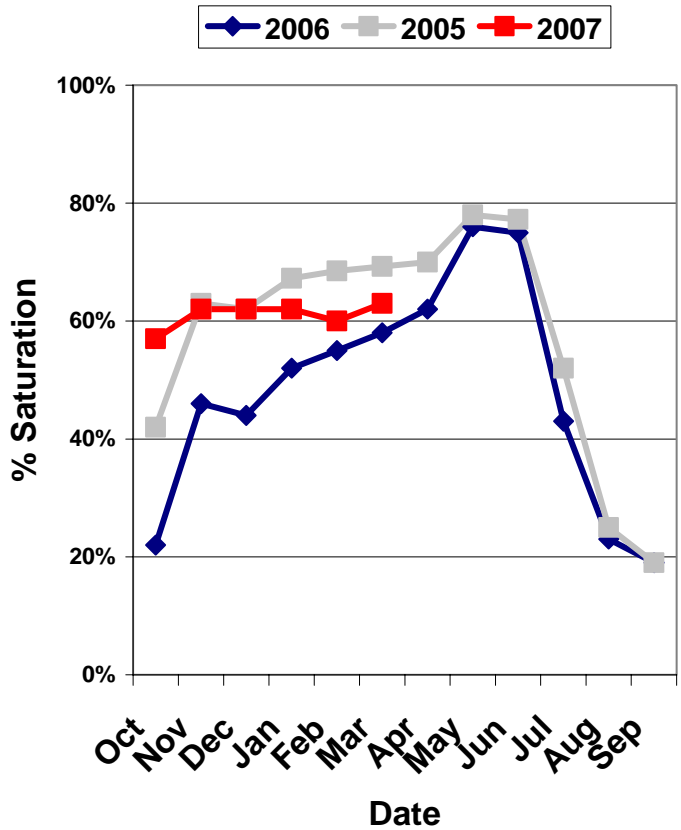
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

Watershed Soil Moisture Charts for Utah Water Supply

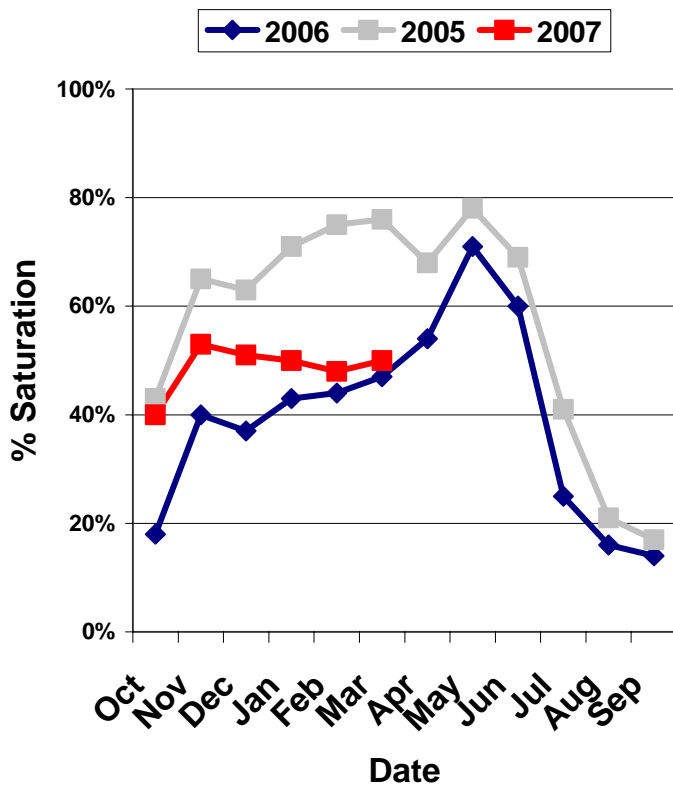
Bear River Soil Moisture



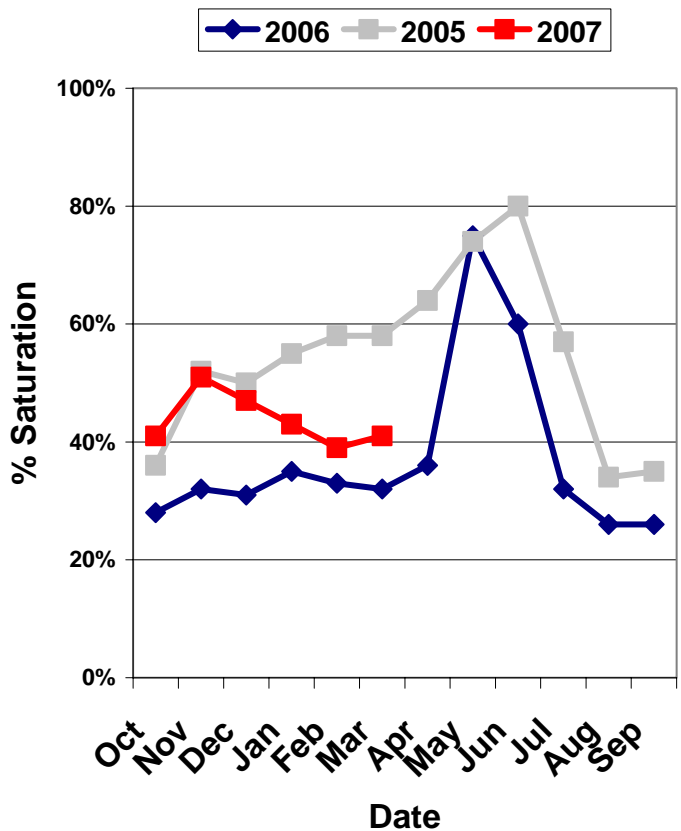
Weber River Soil Moisture



Jordan/Provo River Soil Moisture

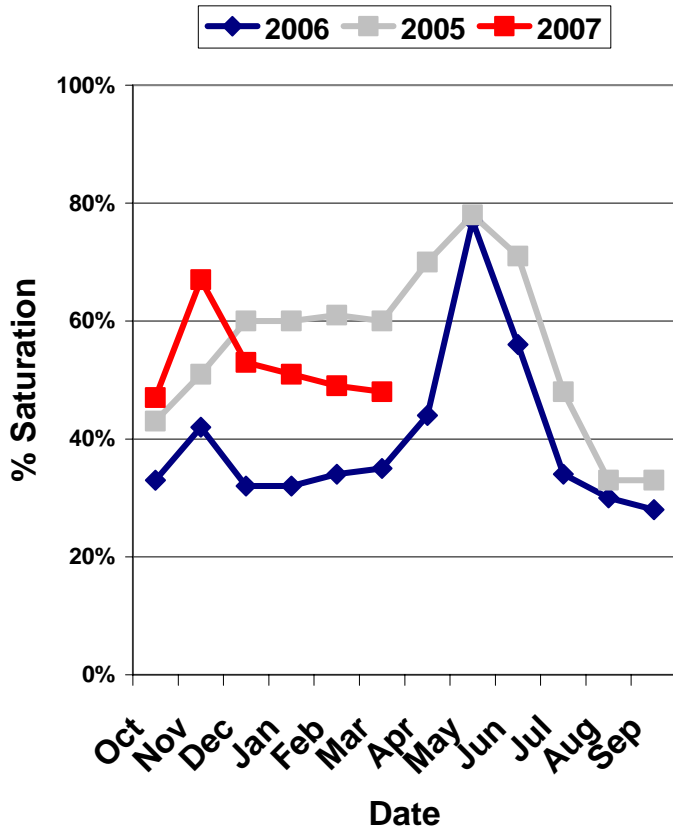


Uintah Basin Soil Moisture

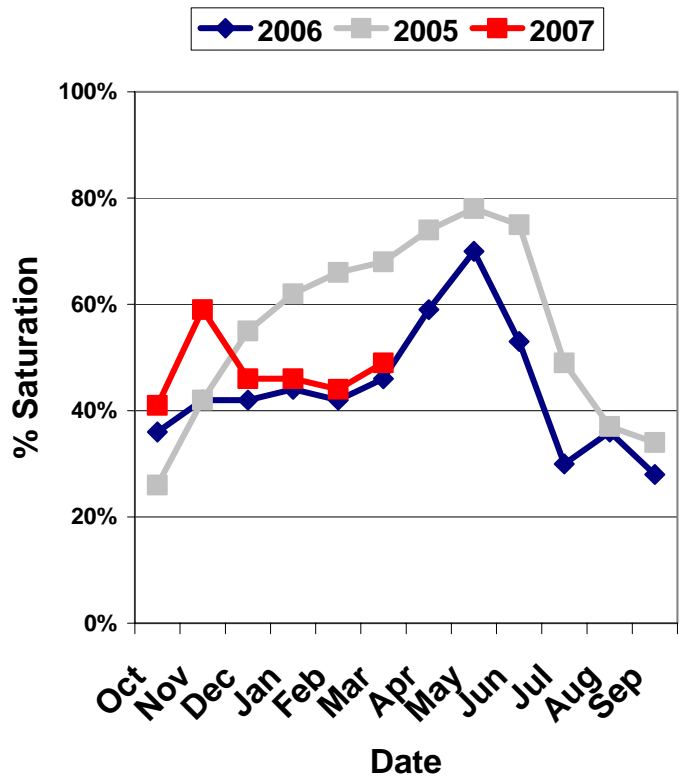


Watershed Soil Moisture Charts for Utah Water Supply

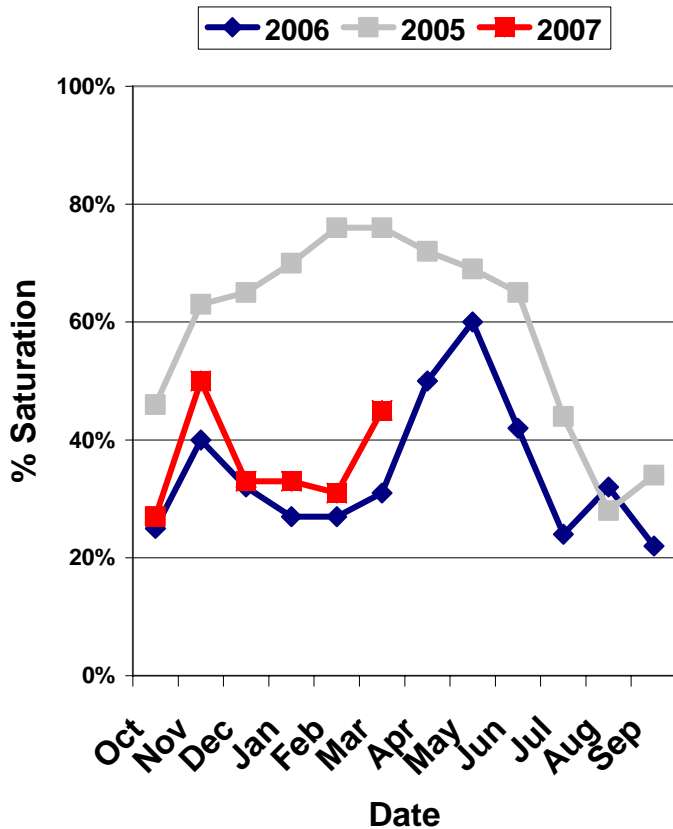
South East Utah Soil Moisture



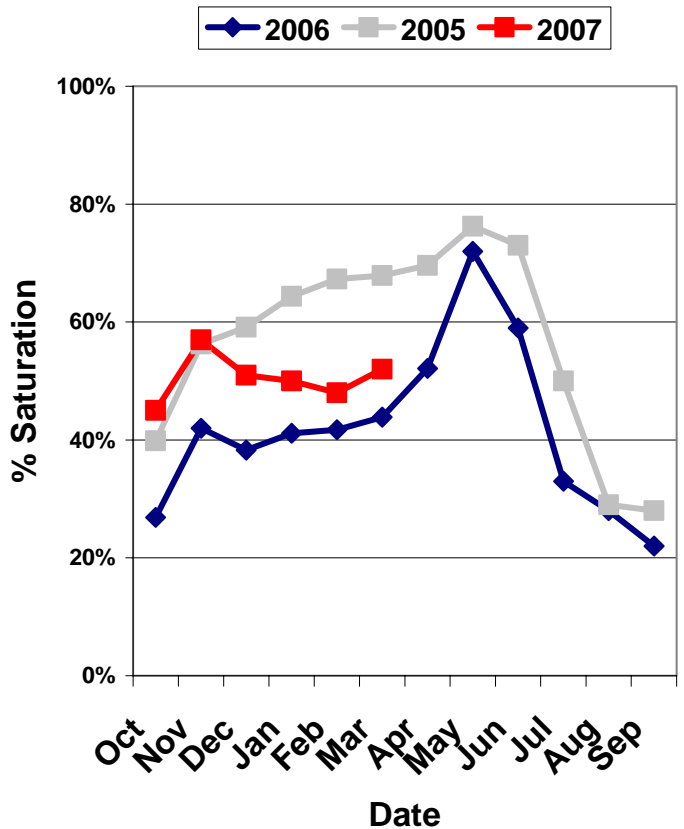
Sevier/Beaver River Soil Moisture



Southwest Utah Soil Moisture



Statewide Soil Moisture



| UTAH SURFACE Snow Surveys Basin or Region 1-Mar-07 | WATER NRCS SWSI/% | SUPPLY USDA Percentile | INDEX Years with Similar SWSI |
|---|----------------------------------|---------------------------------------|---|
| Bear River | -2.43 | 21% | 95,02,06,90 |
| Ogden River | -2.03 | 26% | 04,02,00,91 |
| Weber River | -1.93 | 27% | 91,87,00,89 |
| Provo | 0.50 | 56% | 81,70,68,53 |
| West Uintah Basin | 2.43 | 79% | 01,06,05,97 |
| East Uintah Basin | -0.43 | 45% | 80,82,96,00 |
| Price River | -1.17 | 36% | 62,93,94,72 |
| San Rafael | -0.93 | 39% | 95,76,88,99 |
| Moab | -0.89 | 39% | 99,96,82,91 |
| Upper Sevier River | 0.16 | 52% | 2001,74,94,62 |
| Lower Sevier River | -0.10 | 49% | 89,71,96,74 |
| Beaver River | -0.87 | 40% | 94,89,75,62 |
| Virgin River | -1.39 | 33% | 04,96,85,97 |

Snow Surveys
245 N Jimmy Doolittle Rd
Salt Lake City, UT
(801) 524-5213

SWSI Scale: -4 to 4
Percentile: 0 - 100%

What is a Surface Water Supply Index?

The Surface Water Supply Index (SWSI) is a predictive indicator of total surface water availability within a watershed for the spring and summer water use seasons. The index is calculated by combining pre-runoff reservoir storage (carryover) with forecasts of spring and summer streamflow which are based on current snowpack and other hydrologic variables. SWSI values are scaled from +4.1 (abundant supply) to -4.1 (extremely dry) with a value of zero (0) indicating median water supply as compared to historical analysis. SWSI's are calculated in this fashion to be consistent with other hydroclimatic indicators such as the Palmer Drought Index and the Precipitation index.

Utah Snow Surveys has also chosen to display the SWSI as a PERCENT CHANCE OF NON-EXCEEDANCE. While this is a very cumbersome name, it has the simplest application. It can be best thought of as a simple scale of 1 to 99 with 1 being the drought of record (driest possible conditions) and 99 being the flood of record (wettest possible conditions) and a value of 50 representing average conditions. This rating scale is a percentile rating as well, for example a SWSI of 75% means that this years water supply is greater than 75% of all historical events and that only 25% of the time has it been exceeded. Conversely a SWSI of 10% means that 90% of historical events have been greater than this one and that only 10% have had less total water supply. This scale is far more intuitive for most people and is totally comparable between basins: a SWSI of 50% means the same relative ranking on watershed A as it does on watershed B, which may not be strictly true of the +4 to -4 scale.

For more information on the SWSI go to: www.ut.nrcs.usda.gov/snow/ on the water supply page. The entire period of historical record for reservoir storage and streamflow is available.

S N O W C O U R S E D A T A

MARCH 2007

| SNOW COURSE | ELEV. | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|-------|------|---------------|------------------|--------------|------------------|
| AGUA CANYON SNOTEL | 8900 | 3/01 | 24 | 5.4 | 4.8 | 7.3 |
| ALTA CENTRAL | 8800 | 3/01 | 90 | 22.3 | 45.3 | 31.1 |
| BEAVER DAMS SNOTEL | 8000 | 3/01 | 27 | 6.2 | 9.4 | 10.2 |
| BEAVER DIVIDE SNOTEL | 8280 | 3/01 | 36 | 6.3 | 12.4 | 10.2 |
| BEN LOMOND PK SNOTEL | 8000 | 3/01 | 67 | 19.6 | 37.7 | 34.3 |
| BEN LOMOND TR SNOTEL | 6000 | 3/01 | 34 | 9.1 | 21.1 | 19.0 |
| BEVAN'S CABIN | 6450 | 2/26 | 25 | 6.8 | 8.6 | 9.2 |
| BIG FLAT SNOTEL | 10290 | 3/01 | 52 | 10.6 | 11.8 | 15.0 |
| BIRCH CROSSING | 8100 | 2/26 | 21 | 4.9 | 4.7 | 6.7 |
| BLACK FLAT-U.M. CK S | 9400 | 3/01 | 25 | 5.0 | 7.7 | 8.5 |
| BLACK'S FORK GS-EF | 9340 | 2/24 | 25 | 5.4 | 9.2 | 7.8 |
| BLACK'S FORK JUNCTN | 8930 | 2/24 | 29 | 5.7 | 9.5 | 7.7 |
| BOX CREEK SNOTEL | 9800 | 3/01 | 37 | 8.6 | 9.4 | 11.0 |
| BRIAN HEAD | 10000 | 2/26 | 45 | 11.3 | 11.1 | 16.5 |
| BRIGHTON SNOTEL | 8750 | 3/01 | 61 | 14.9 | 25.2 | 20.4 |
| BRIGHTON CABIN | 8700 | 2/28 | 67 | 16.0 | 27.1 | 23.1 |
| BROWN DUCK SNOTEL | 10600 | 3/01 | 62 | 11.7 | 17.2 | 15.0 |
| BRYCE CANYON | 8000 | 2/27 | 1 | .2 | 2.0 | 4.9 |
| BUCK FLAT SNOTEL | 9800 | 3/01 | 43 | 9.7 | 17.3 | 15.3 |
| BUCK PASTURE | 9700 | 2/24 | 50 | 10.8 | 18.4 | 14.0 |
| BUCKBOARD FLAT | 9000 | 2/28 | 38 | 6.8 | 3.5 | 11.0 |
| BUG LAKE SNOTEL | 7950 | 3/01 | 53 | 12.1 | 21.5 | 17.1 |
| BURT'S-MILLER RANCH | 7900 | 2/24 | 22 | 5.3 | 4.7 | 4.7 |
| CAMP JACKSON SNOTEL | 8600 | 3/01 | 28 | 5.1 | 2.9 | 12.9 |
| CASCADE MOUNTAIN SNO | 7770 | 3/01 | 50 | 11.3 | 16.1 | - |
| CASTLE VALLEY SNOTEL | 9580 | 3/01 | 41 | 7.9 | 8.3 | 11.8 |
| CHALK CK #1 SNOTEL | 9100 | 3/01 | 72 | 17.8 | 22.8 | 19.9 |
| CHALK CK #2 SNOTEL | 8200 | 3/01 | 51 | 12.1 | 12.5 | 12.9 |
| CHALK CREEK #3 | 7500 | 2/24 | 25 | 6.3 | 6.5 | 6.8 |
| CHEPETA SNOTEL | 10300 | 3/01 | 52 | 10.3 | 10.2 | 11.4 |
| CLAYTON SPRINGS SNTL | 10000 | 3/01 | 38 | 7.7 | 6.5 | - |
| CLEAR CK RIDG #1 SNT | 9200 | 3/01 | 47 | 9.1 | 17.8 | 16.7 |
| CLEAR CK RIDG #2 SNT | 8000 | 3/01 | 47 | 8.6 | 12.0 | 12.3 |
| CORRAL | 8200 | 2/25 | 21 | 4.7 | 3.3 | - |
| CURRENT CREEK SNOTEL | 8000 | 3/01 | 26 | 6.5 | 10.8 | 9.6 |
| DANIELS-STRAWBERRY S | 8000 | 3/01 | 43 | 10.5 | 19.4 | 15.1 |
| DILL'S CAMP SNOTEL | 9200 | 3/01 | 35 | 6.6 | 14.0 | 12.3 |
| DONKEY RESERVOIR SNO | 9800 | 3/01 | 34 | 6.6 | 3.6 | 6.6 |
| DRY BREAD POND SNTL | 8350 | 3/01 | 54 | 12.2 | 19.9 | 19.0 |
| DRY FORK SNOTEL | 7160 | 3/01 | 50 | 11.4 | 12.2 | 14.5 |
| EAST WILLOW CREEK SN | 8250 | 3/01 | 26 | 4.8 | 1.8 | 7.1 |
| FARMINGTON U. SNOTEL | 8000 | 3/01 | 83 | 20.5 | 36.6 | 27.3 |
| FARMINGTON L. SNOTEL | 6780 | 3/01 | 53 | 14.2 | 19.8 | - |
| FARNSWORTH LK SNOTEL | 9600 | 3/01 | 62 | 13.7 | 12.4 | 14.8 |
| FISH LAKE | 8700 | 2/25 | 10 | 2.1 | 5.6 | 7.5 |
| FIVE POINTS LAKE SNO | 10920 | 3/01 | 49 | 10.7 | 15.3 | 13.8 |
| G.B.R.C. HEADQUARTER | 8700 | 2/26 | 42 | 9.3 | 14.3 | 13.8 |
| G.B.R.C. MEADOWS | 10000 | 2/26 | 54 | 12.5 | 22.8 | 19.0 |
| GARDEN CITY SUMMIT | 7600 | 2/24 | 32 | 7.5 | 16.3 | 13.5 |
| GARDNER PEAK SNOTEL | 8350 | 3/01 | 31 | 6.6 | 4.6 | - |
| GEORGE CREEK | 8840 | 2/27 | 51 | 13.0 | 20.6 | 17.3 |
| GOOSEBERRY R.S. | 8400 | 2/25 | 33 | 7.1 | 9.3 | 9.9 |
| GOOSEBERRY R.S. SNTL | 7900 | 3/01 | 28 | 7.4 | 7.0 | 7.9 |
| GUTZ PEAK SNOTEL | 6820 | 3/01 | 18 | 3.8 | .0 | - |
| HARDSCRABBLE SNOTEL | 7250 | 3/01 | 52 | 12.6 | 22.3 | 14.3 |
| HARRIS FLAT SNOTEL | 7700 | 3/01 | 4 | .8 | .0 | 6.9 |
| HAYDEN FORK SNOTEL | 9100 | 3/01 | 45 | 10.2 | 17.6 | 13.2 |
| HENRY'S FORK | 10000 | 2/24 | 43 | 9.0 | 12.0 | 10.5 |
| HEWINTA SNOTEL | 9500 | 3/01 | 37 | 7.5 | 10.3 | 9.1 |
| HICKERSON PARK SNTL | 9100 | 3/01 | 29 | 6.4 | 3.5 | 5.8 |
| HIDDEN SPRINGS | 5500 | 3/01 | 14 | 2.4 | 6.0 | 5.9 |
| HOBBLE CREEK SUMMIT | 7420 | 2/24 | 32 | 7.9 | 15.8 | 13.1 |
| HOLE-IN-ROCK SNOTEL | 9150 | 3/01 | 33 | 6.2 | 5.9 | 5.7 |
| HORSE RIDGE SNOTEL | 8260 | 3/01 | 57 | 13.6 | 24.4 | 20.2 |
| HUNTINGTON-HORSESHOE | 9800 | 2/26 | 39 | 8.7 | 21.1 | 19.4 |
| INDIAN CANYON SNOTEL | 9100 | 3/01 | 35 | 8.1 | 7.8 | 9.6 |
| JOHNSON VALLEY | 8850 | 2/25 | 12 | 2.6 | 5.7 | 6.4 |
| JONES CORRAL G.S. | 9720 | 2/25 | 37 | 8.1 | 4.9 | - |

| SNOW COURSE | ELEV. | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|-------|------|---------------|------------------|--------------|------------------|
| KILFOIL CREEK | 7300 | 2/24 | 30 | 6.5 | 15.3 | 12.4 |
| KILLYON CANYON | 6300 | 2/27 | 24 | 4.1 | 10.6 | 8.7 |
| KIMBERLY MINE SNOTEL | 9300 | 3/01 | 49 | 11.5 | 10.0 | 13.3 |
| KING'S CABIN SNOTEL | 8730 | 3/01 | 33 | 6.3 | 4.7 | 9.4 |
| KLONDIKE NARROWS | 7400 | 2/24 | 37 | 10.1 | 22.7 | 16.8 |
| KOLOB SNOTEL | 9250 | 3/01 | 54 | 11.9 | 9.4 | 17.8 |
| LAKEFORK #1 SNOTEL | 10100 | 3/01 | 40 | 7.5 | 8.7 | 10.5 |
| LAKEFORK BASIN SNTL | 10900 | 3/01 | 57 | 10.8 | 19.3 | 16.6 |
| LAKEFORK MOUNTAIN #3 | 8400 | 2/24 | 22 | 5.5 | 4.1 | 6.1 |
| LAMBS CANYON | 7400 | 2/28 | 53 | 11.5 | 17.5 | 14.5 |
| LASAL MOUNTAIN LOWER | 8800 | 2/28 | 27 | 3.5 | 4.4 | 8.1 |
| LASAL MOUNTAIN SNTL | 9850 | 3/01 | 36 | 8.0 | 7.3 | 10.7 |
| LIGHTNING RIDGE SNTL | 8220 | 3/01 | 48 | 11.7 | 18.3 | - |
| LILY LAKE SNOTEL | 9050 | 3/01 | 49 | 10.2 | 12.1 | 10.8 |
| LITTLE BEAR LOWER | 6000 | 2/24 | 24 | 6.3 | 11.7 | 10.2 |
| LITTLE BEAR SNOTEL | 6550 | 3/01 | 29 | 7.8 | 11.8 | 12.8 |
| LITTLE GRASSY SNOTEL | 6100 | 3/01 | 9 | 1.2 | .0 | 5.8 |
| LONG FLAT SNOTEL | 8000 | 3/01 | 21 | 5.2 | .5 | 7.4 |
| LONG VALLEY JCT. SNT | 7500 | 3/01 | 4 | .7 | .0 | 5.8 |
| LOOKOUT PEAK SNOTEL | 8200 | 3/01 | 73 | 17.4 | 30.1 | 20.1 |
| LOST CREEK RESERVOIR | 6130 | 2/24 | 6 | 1.9 | 8.5 | 5.9 |
| LOUIS MEADOW SNOTEL | 6700 | 3/01 | 51 | 14.6 | 21.1 | - |
| MAMMOTH-COTTONWD SNT | 8800 | 3/01 | 43 | 8.8 | 17.4 | 17.6 |
| MERCHANT VALLEY SNTL | 8750 | 3/01 | 37 | 6.8 | 8.3 | 11.4 |
| MIDDLE CANYON | 7000 | 2/26 | 32 | 8.3 | 13.4 | 12.2 |
| MIDWAY VALLEY SNOTEL | 9800 | 3/01 | 62 | 15.1 | 13.5 | 19.4 |
| MILL CREEK | 6950 | 2/28 | 56 | 11.9 | 18.7 | 16.6 |
| MILL-D NORTH SNOTEL | 8960 | 3/01 | 69 | 14.3 | 27.1 | 21.0 |
| MILL-D SOUTH FORK | 7400 | 2/28 | 53 | 11.5 | 19.8 | 16.9 |
| MINING FORK SNOTEL | 8000 | 3/01 | 49 | 12.3 | 17.0 | 14.9 |
| MONTE CRISTO SNOTEL | 8960 | 3/01 | 70 | 17.3 | 27.3 | 24.7 |
| MOSBY MTN. SNOTEL | 9500 | 3/01 | 45 | 8.0 | 7.7 | 9.3 |
| MT.BALDY R.S. | 9500 | 2/26 | 56 | 13.2 | 21.8 | 19.9 |
| MUD CREEK #2 | 8600 | 2/24 | 36 | 7.3 | 14.2 | 12.0 |
| OAK CREEK | 7760 | 2/26 | 34 | 8.5 | 8.2 | 10.0 |
| PANGUITCH LAKE R.S. | 8200 | 2/26 | 7 | 1.6 | 2.8 | 4.0 |
| PARLEY'S CANYON SNTL | 7500 | 3/01 | 56 | 12.2 | 16.4 | 15.3 |
| PARRISH CREEK SNOTEL | 7740 | 3/01 | 69 | 17.1 | 23.0 | - |
| PAYSON R.S. SNOTEL | 8050 | 3/01 | 39 | 9.5 | 14.4 | 17.2 |
| PICKLE KEG SNOTEL | 9600 | 3/01 | 49 | 10.7 | 15.5 | 14.1 |
| PINE CREEK SNOTEL | 8800 | 3/01 | 55 | 15.9 | 12.5 | 19.3 |
| RED PINE RIDGE SNTL | 9200 | 3/01 | 40 | 9.2 | 14.9 | 14.2 |
| REDDEN MINE LOWER | 8500 | 2/24 | 42 | 10.8 | 16.3 | 15.1 |
| REES'S FLAT | 7300 | 2/26 | 39 | 8.3 | 10.5 | 11.2 |
| ROCK CREEK SNOTEL | 7900 | 3/01 | 31 | 5.8 | 9.4 | 7.9 |
| ROCKY BN-SETTLEMT SN | 8900 | 3/01 | 54 | 14.0 | 16.6 | 21.2 |
| SEELEY CREEK SNOTEL | 10000 | 3/01 | 29 | 6.9 | 10.6 | 12.3 |
| SMITH MOREHOUSE SNTL | 7600 | 3/01 | 47 | 11.0 | 12.8 | 12.4 |
| SNOWBIRD SNOTEL | 9700 | 3/01 | 85 | 19.7 | 43.1 | 28.3 |
| SPIRIT LAKE | 10300 | 2/24 | 41 | 9.5 | 7.0 | 10.5 |
| SQUAW SPRINGS | 9300 | 2/25 | 17 | 3.7 | 6.6 | 6.6 |
| STEEL CREEK PARK SNO | 10100 | 3/01 | 45 | 10.3 | 13.2 | 12.7 |
| STILLWATER CAMP | 8550 | 2/24 | 35 | 7.0 | 9.6 | 8.8 |
| STRAWBERRY DIVIDE SN | 8400 | 3/01 | 48 | 10.5 | 18.2 | 16.3 |
| SUSC RANCH | 8200 | 2/26 | 14 | 4.6 | 1.5 | 8.1 |
| TALL POLES | 8800 | 2/26 | 37 | 8.6 | 8.8 | 12.1 |
| TEMPLE FORK SNOTEL | 7410 | 3/01 | 52 | 10.2 | 19.7 | - |
| THAYNES CANYON SNTL | 9200 | 3/01 | 63 | 14.7 | 23.1 | 19.3 |
| THISTLE FLAT | 8500 | 2/26 | 46 | 9.8 | 14.8 | - |
| TIMBERLINE | 9100 | 2/25 | 28 | 6.8 | 5.2 | - |
| TIMPANOGOS DIVIDE SN | 8140 | 3/01 | 58 | 12.5 | 20.2 | 20.4 |
| TONY GROVE LK SNOTEL | 8400 | 3/01 | 85 | 22.4 | 46.9 | 30.0 |
| TONY GROVE R.S. | 6250 | 2/24 | 24 | 6.8 | 15.0 | 11.3 |
| TRIAL LAKE | 9960 | 2/24 | 54 | 12.0 | 26.5 | 20.3 |
| TRIAL LAKE SNOTEL | 9960 | 3/01 | 58 | 13.1 | 24.7 | 20.6 |
| TROUT CREEK SNOTEL | 9400 | 3/01 | 38 | 7.1 | 5.1 | 8.1 |
| UPPER JOES VALLEY | 8900 | 2/25 | 21 | 4.5 | 10.6 | 9.3 |
| VERNON CREEK SNOTEL | 7500 | 3/01 | 32 | 6.6 | 6.9 | 10.1 |
| VIPONT | 7670 | 2/25 | 38 | 10.0 | 19.8 | 12.2 |
| WEBSTER FLAT SNOTEL | 9200 | 3/01 | 37 | 8.3 | 8.0 | 13.5 |
| WHITE RIVER #1 SNTL | 8550 | 3/01 | 36 | 7.5 | 9.7 | 11.6 |
| WHITE RIVER #3 | 7400 | 2/24 | 14 | 4.0 | 9.7 | 7.8 |
| WIDTSOE #3 SNOTEL | 9500 | 3/01 | 33 | 5.3 | 4.1 | 9.7 |
| WRIGLEY CREEK | 9000 | 2/25 | 25 | 5.2 | 9.5 | 9.6 |
| YANKEE RESERVOIR | 8700 | 2/27 | 28 | 5.5 | 6.2 | 8.4 |



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Utah Water Supply Outlook Report

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